

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 19366
Application ID: 10065562
Title of Invention: Counter-Flow Heat Exchanger for
Ceramic Gas Generator
First Named Inventor: Sammy Mickelson
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-10-30
Submission Type: Utility Patent Filing
Filing Type: null
Confirmation Number: 0
Attorney Docket Number: LILS 184
Digital Certificate Holder: cn=Tom F. Marsteller Jr., ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: QYwGLXrukjTzETIfChPW2g==
Total Fees Authorized: \$780.0
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TRANSMITTAL FORM

JC474 U.S. PTO
10/065562
10/30/02

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket
Number:

LILS
184

Submission Type: Utility Patent
Filing

Counter-Flow Heat Exchanger for Ceramic Gas Generator

First Named Inventor: Sammy K. Mickelson

SUBMITTED BY

Name:	Mr. Thomas F. Marsteller Jr.
Registration Number:	29,672
Electronic Signature Mark: /T F Marsteller/	Date Signed: 20021030

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	Declar01.tif
declaration	Declar02.tif
specification	LILS184NP.xml
bibd-transmittal	LILS184NPapds.xml

fee-transmittal
patent-assignments

LILS184NPfee.xml
LILS184NPasn.xml

Attached Image File(s):

Declar01.tif

Declar02.tif

Comments:

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)		Attorney Docket Number LILS 184
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing		First Named Inventor Mickelson, Sammy K.
OR		COMPLETE IF KNOWN
<input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)		Application Number 60 / 319491
		Filing Date 26 AUGUST 2002
		Art Unit
		Examiner Name

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Counter-Flow Heat Exchanger for Ceramic Gas Generator

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

08/26/2002

as United States Application Number or PCT International

Application Number

60/319491

and was amended on (MM/DD/YYYY)

(If applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached:	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

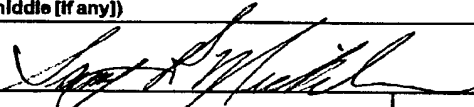
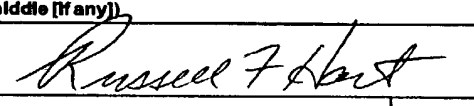
☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments to the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION ³/₄ Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number or Bar Code Label		30640		OR <input type="checkbox"/> Correspondence address below	
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City		State		ZIP	
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<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.</p>					
NAME OF SOLE OR FIRST INVENTOR :			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle (if any))			Family Name or Surname		
Sammy K.			Mickelson		
Inventor's Signature					Date
					10/24/02
Residence: City		State		Country	
Bettendorf		IA		US	
Mailing Address					
2734 Hickory Grove Road					
City		State		Country	
Davenport		IA		US	
		ZIP		52804	
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle (if any))			Family Name or Surname		
Russell F.			Hart		
Inventor's Signature					Date
					10/24/02
Residence: City		State		Country	
Blue Grass		IA		US	
Mailing Address					
2734 Hickory Grove Road					
City		State		Country	
Davenport		IA		US	
		ZIP		52804	
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

[Page 2 of 2]

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 780

BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 4647
Expiration Date: 20030430
Authorized Name: Thomas F. Marsteller Jr.
Billing Address: 75380-3302

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	1001	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 14	1202	\$ 18	0	\$ 0
Independent Claims: 2	1201	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	8021	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40